



Office of Special Funded Projects

OSFP

DIVISION OF ENGINEERING SERVICES

OSFP 1



Who Are We?

Division of Engineering Services
Bob Buckley, Chief

**Structure Design Services
& Earthquake Engineering**
Rob Stott, Chief

Special Funded Projects
Earl Seaberg, Chief



What Are Special Funded Projects?

- ◆ *Capital Improvements Sponsored by others on the State Highway System (or within R/W)*
- ◆ *Involve State, Federal, Local and Private Partnerships*
- ◆ *Funding Sources Include:*
 - Local Tax Measures Funds*
 - Local Non-Tax Funds*
 - Private Funds*
 - Combination of Local, Private, State and Federal Funds*





Where Do Our Projects Come From?

- ◆ *Local Transportation Authorities (Tax Measure Authorities, Association of Governments, etc.)*
- ◆ *Local Agencies (Counties, Cities, etc.)*
- ◆ *Private Developers*
- ◆ *Encroachment Permit Program*
- ◆ *Public Toll Road Agencies*
- ◆ *Privatization Projects (Toll Roads)*
- ◆ *Rail Agencies (Light or Heavy Rail)*
- ◆ *Others (State Depts, Fed Agencies, etc.)*



Why Do We Get Involved?

- ◆ *CALTRANS is Responsible for Operations, Maintenance and Tort Liability After Special Funded Projects are Constructed (or after they are relinquished to the State in case of Future Highway R/W)*
- ◆ *All Special Funded Projects Must Conform to CALTRANS Policies, Standards and Practices*



What Do We Do?

*Provide Liaison and Technical Support to
Ensure that Transportation Structures on the
State Highway System, which are Designed by
Others, Conform to CALTRANS Policies,
Standards and Practices*

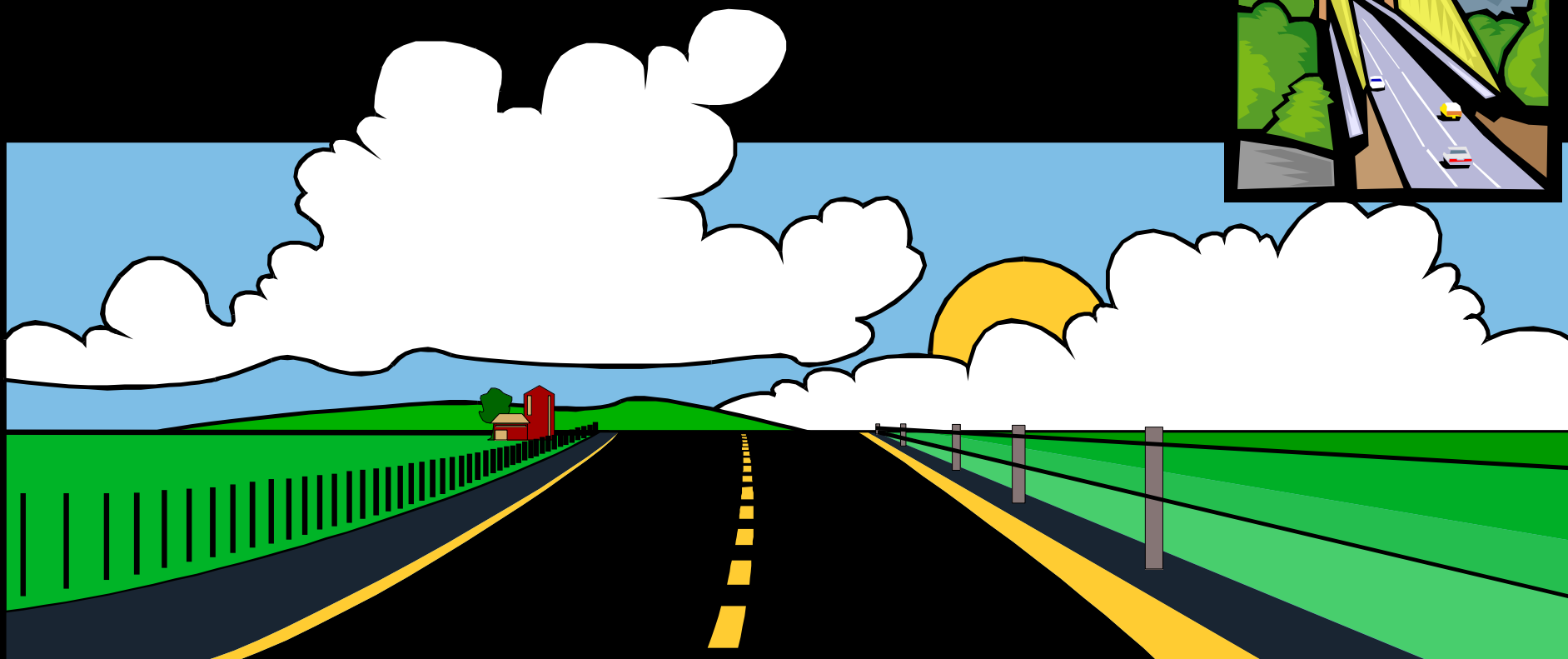


What Is Our Role?

- ◆ *Detailed Process in Information & Procedures Guide*
- ◆ *Enforce Current Standards and Practices*
- ◆ *Mirror In-House Requirements*
- ◆ *Approve Process and Design Exceptions*
- ◆ *Identify and Broadcast new Requirements*



The Project Development Process

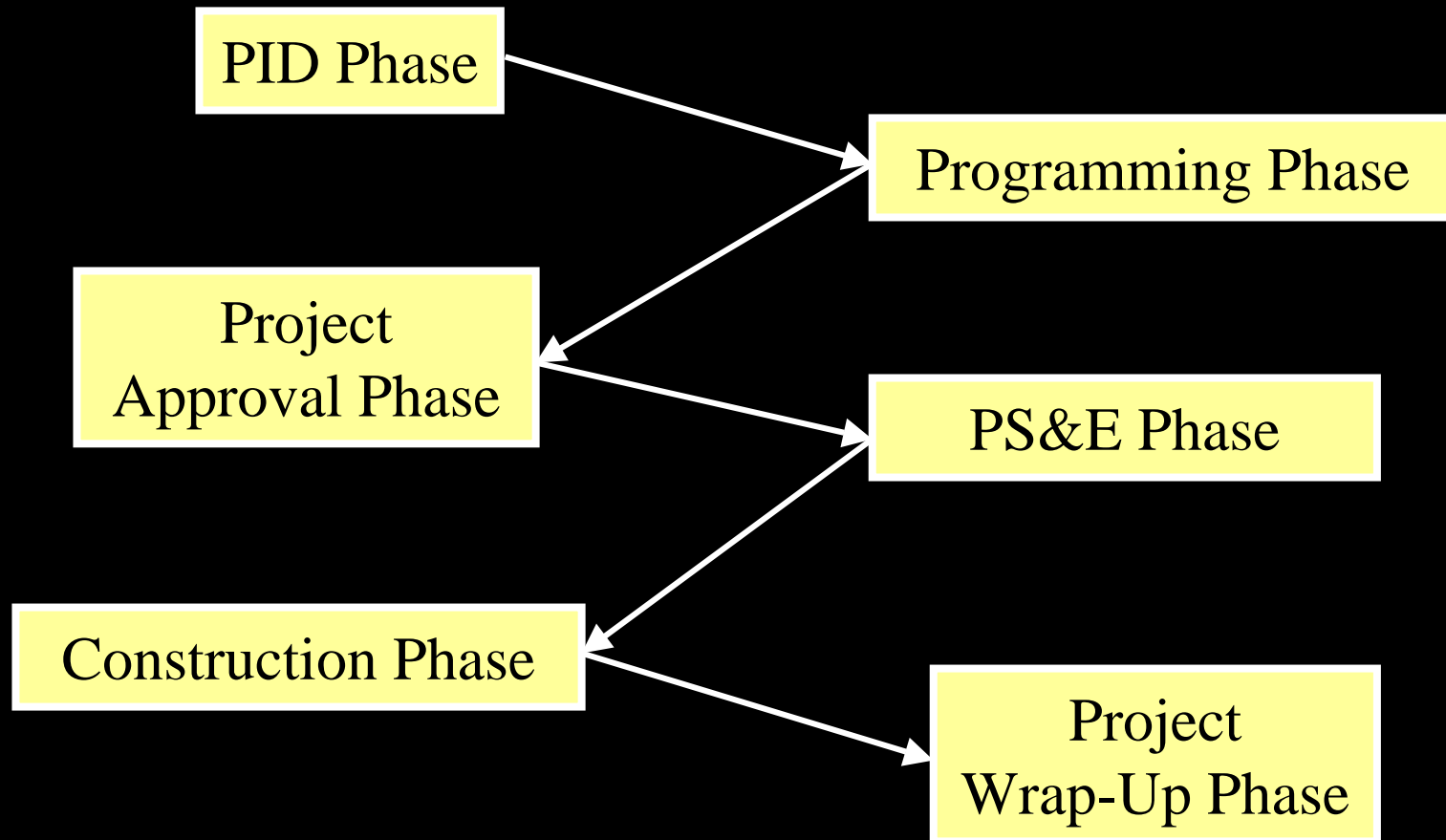


DIVISION OF ENGINEERING SERVICES

OSFP 8



Typical Project Development Cycle

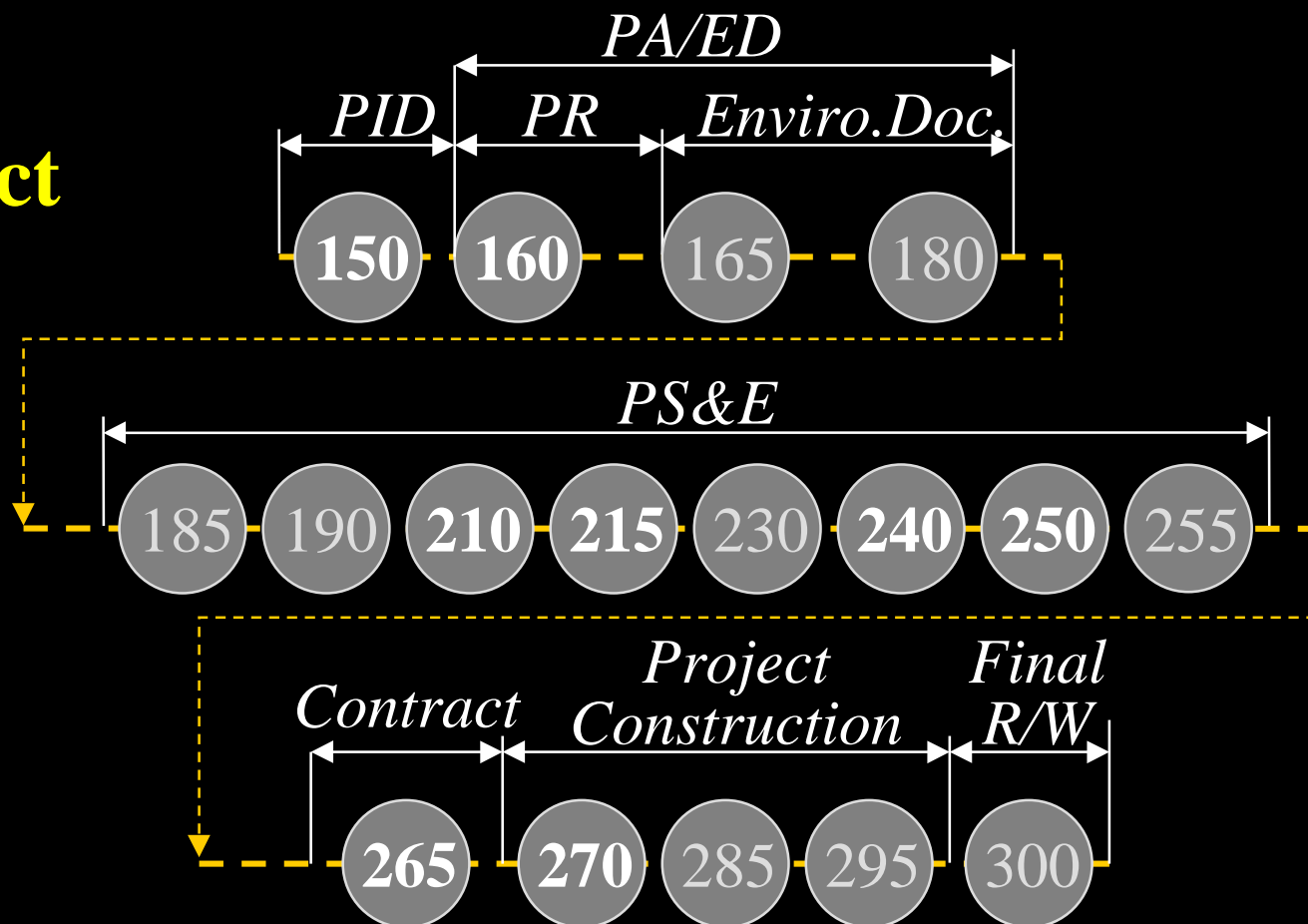




Where Do We Get Involved?

Typical Project Development Tasks

(150 indicates
Work Breakdown
Structure (WBS)
Activities)





Typical Structure Project Tasks

150

Advance Planning Study Preparation (PSR Stage)

160

Advance Planning Study Update (PR Stage)

210

Bridge Site Data Submittal / Prelim Investigations

215

Structure General Plan

240

Draft Structure PS&E

250

Final Structure PS&E

270

Construction Engineering



Where Do We Get Involved?

- ◆ *Project Initiation (Advance Planning Studies)*
- ◆ *Consultant Selection*
- ◆ *Contract Statement of Work*
- ◆ *Field Review*
- ◆ *Value Analysis*
- ◆ *Project Development Team Representation*



Where Do We Get Involved?

- ◆ *Public Hearings / Meetings*
- ◆ *Structural Consultations*
- ◆ *Type Selection Approval*
- ◆ *Technical Oversight of Structure Projects (PS&E)*
- ◆ *Construction Design Support*



Construction Support

- ◆ *Coordination with Consultant & Field Personnel*
- ◆ *Construction Contract (Bidder's Inquiries, Addenda)*
- ◆ *CRIPs and CCO's*
- ◆ *Clarifications / Interpretations of Details*
- ◆ *Shop Plans*
- ◆ *As-Built Plans*



Our Project Types

- ◆ *All Bridge Structures (new, retrofit or modifications)*
- ◆ *Non-Standard Structures including Retaining and Sound Walls, Culverts, Sign Structures, etc.*
- ◆ *Tunnels, Culverts wider than 20', Pumping plants, Storage Boxes, Seal Slab/Boat Section, Transit Station, Maintenance Station, etc.*
- ◆ *Any Type of Project that OSD would Typically be Responsible for*
- ◆ *If you are not sure, Just Ask!!!*



Typical Review Duration

Bridge Site
Data Submittal

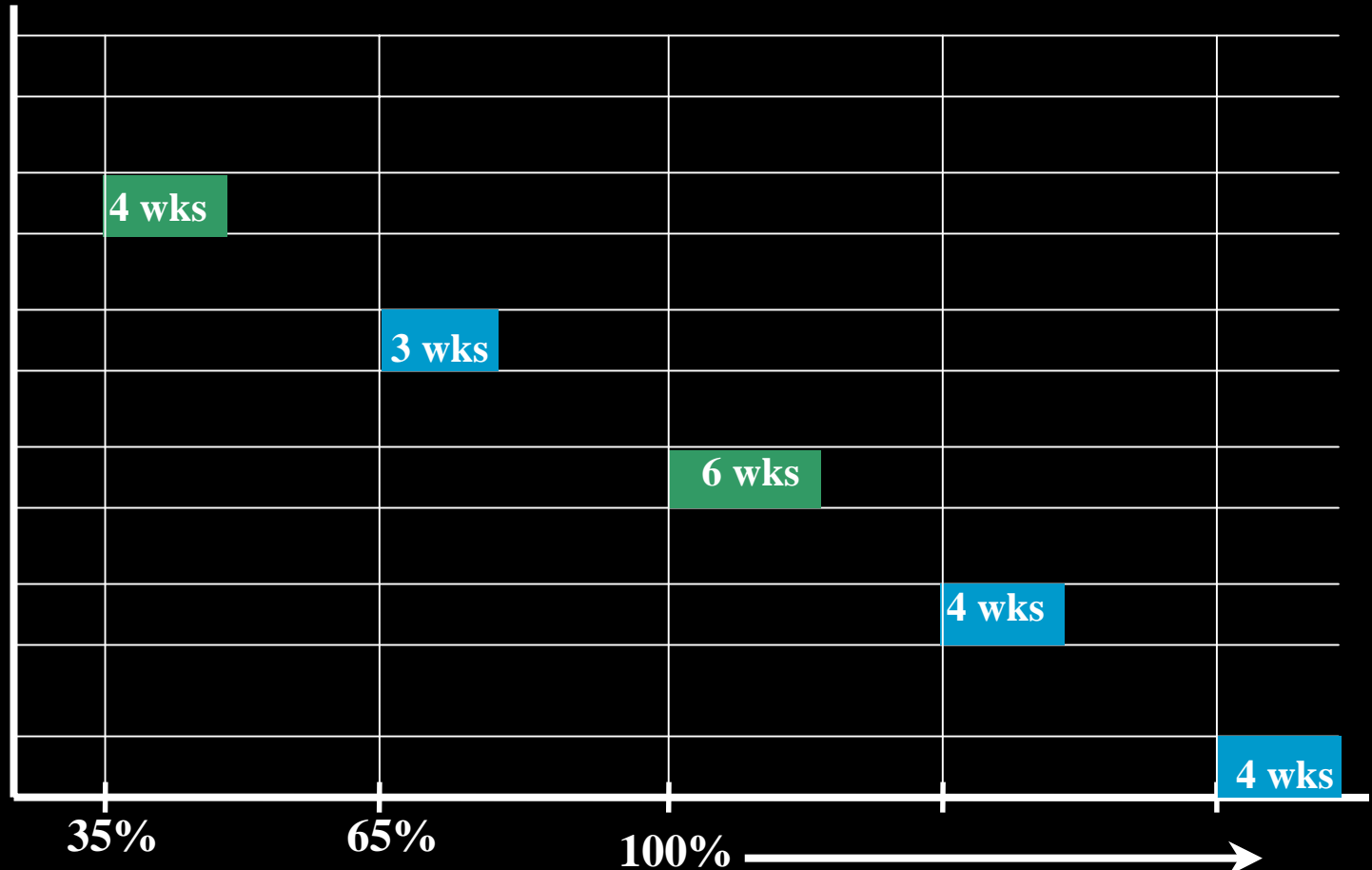
General Plan
(Type Selection)

Unchecked Details
Submittal

Initial PS&E
Submittal

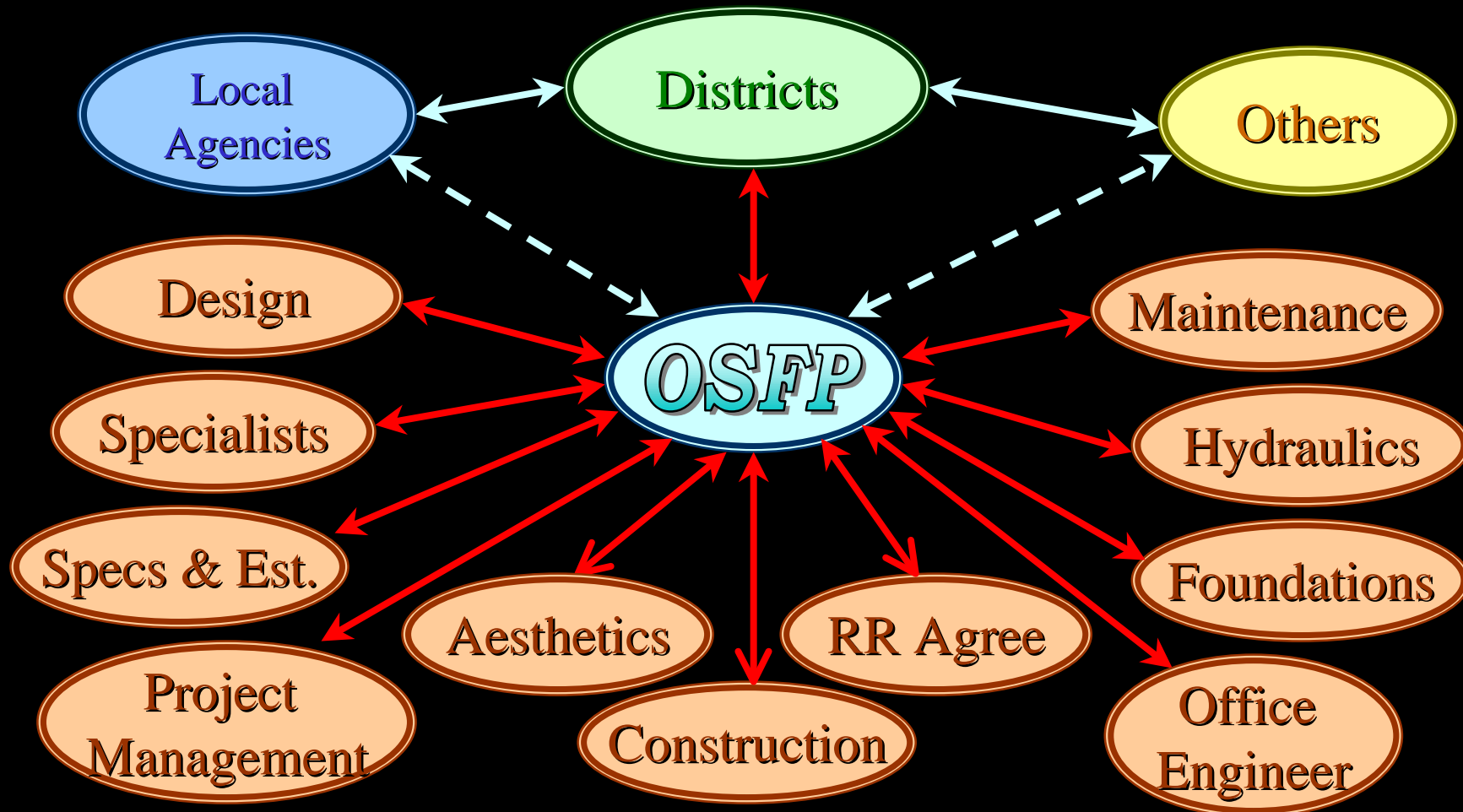
Intermediate PS&E
Submittal

Final PS&E
Submittal





Our Interactions





OSFP Liaison Engineer

*Contact the
OSFP Liaison Engineer
for Additional Information*